

Climate Change, Geoengineering and Environmental Modification Techniques (ENMOD)

By [Prof Michel Chossudovsky](#)

Global Research, November 30, 2015

Global Research 18 November 2013

Url of this article:

<http://www.globalresearch.ca/climate-change-geoengineering-and-environmental-modification-techniques-enmod/5357966>



This article first published in November 2013 coincided with the Warsaw Climate Summit.

The 2015 UN Climate Change Conference in Paris opens November 30th. An international binding agreement on fighting climate change is slated to be adopted.

The centre of attention will be largely be focusing on greenhouse gas emissions and global warming.

Debate on geo-engineering and environmental modification techniques for military use remains a taboo, not to mention the discussion pertaining to the environmental impacts of global warfare.

In the course of the 1990s, the HAARP program was developed. The High Frequency Active Auroral Research Program (HAARP) based in Gokona, Alaska, has been in existence since 1992. While it was officially closed down in 2013, the technology is nonetheless fully operational. HAARP is part of a new generation of sophisticated weaponry under the US Strategic Defense Initiative (SDI).

Operated by the Air Force Research Laboratory's Space Vehicles Directorate, HAARP constitutes a system of powerful antennas capable of creating "controlled local modifications of the ionosphere" [upper layer of the atmosphere]

The irony is that the impacts of ENMOD techniques for military use were documented by CBC TV in the early 1990s.

The CBC TV report acknowledged that the HAARP facility in Alaska under the auspices of the US Air Force had the ability of triggering typhoons, earthquakes, floods and droughts:

Directed energy is such a powerful technology it could be used to heat the ionosphere to turn weather into a weapon of war. **Imagine using a flood to destroy a city or tornadoes to decimate an approaching army in the desert.** The military has spent a huge amount of time on weather modification as a concept for battle environments. If an electromagnetic pulse went off over a city, basically all the electronic things in your home would wink and go out, and they would be permanently destroyed."

We invite our readers to carefully view this documentary.

Why is climate change for military use no longer an object of debate? Why is it not on the agenda of the Paris Summit?

The more substantive question is:

Are Environmental Modification Techniques (ENMOD) part of the US arsenal of "covert" military technologies to destabilize sovereign countries?

The US Military has acknowledged that ENMOD it is part of its military arsenal (See statements below).

There are unconfirmed reports but no firm evidence that it has been used.

In this regard, the US military acknowledges that climatic warfare has the added advantage of being be used to trigger climate disasters without the enemy nation knowing about it.

The unspoken truth is that Geo-engineering and Environmental Modification Techniques (ENMOD) constitute potential Weapons of Mass Destruction (WMD).

Michel Chossudovsky, Global Research, November 30, 2015

CBC DOCUMENTARY (14 MINUTES)

VISIT...

LANZAROTE
Caliente.COM



* * *

Politicians, NGOs, scientists and business executives at previous climate summits have failed to acknowledge the fact, amply documented, that climate can be manipulated as a result of environmental modification techniques (ENMOD).

Discussion of ENMOD is taboo. It is an unspoken truth. Scientists dare not address it as part of the debate on climate change. While ENMOD is firmly documented, these same scientists will readily assert without evidence that global warming (resulting from excess CO2 emissions) is the cause of tropical storms.

ENMOD technologies not only exist, they are fully operational. Confirmed by US military documents, a typhoon, a tsunami or an earthquake can be triggered by the use of ENMOD technologies. The issue, therefore, must be addressed by climate specialists.

What we are suggesting is that in investigating the underlying causes of extreme weather events the issue of climatic manipulation can by no means be excluded.

Ironically, the existence of ENMOD technologies was acknowledged more than 30 years back by the United Nations in a binding 1977 [Convention on the Prohibition of Military or Any Other Hostile Use of Environmental Modification Techniques](#).

The Convention defined ENMOD as “any technique for changing – through the deliberate manipulation of natural processes – the dynamics, composition or structure of the Earth, including its biota, lithosphere, hydrosphere and atmosphere, or of outer space.” What is at stake is “the intentional modification or manipulation of the natural ecology, such as climate and weather, earth systems”. In removing ENMOD from the debate on climate change, the UNFCCC is a blatant violation of the 1977 UN Convention.

Environmental modification techniques have been applied by the US military for more than half a century. US mathematician John von Neumann, in liaison with the US Department of Defense, started his research on weather modification in the late 1940s at the height of the Cold War and foresaw ‘forms of climatic warfare as yet unimagined’. During the Vietnam war, cloud-seeding techniques were used, starting in 1967 under Project Popeye, the objective of which was to prolong the monsoon season and block enemy supply routes along the Ho Chi Minh Trail.

Since the heyday of the Vietnam war, ENMOD technologies for military use have evolved significantly. We are dealing with highly sophisticated weapons systems.

The possibility of climatic or environmental manipulations as part of a military and intelligence agenda, while tacitly acknowledged, is never considered as relevant. Military analysts are mute on the subject. Meteorologists are not investigating the matter, and environmentalists are strung on global warming and the Kyoto protocol.

It is worth noting that barely two months prior to the The Philippines Typhoon disaster, CBS This Morning in an interview with Dr. Michio Kaku, a physics professor at City College New York, confirmed the existence and use of ENMOD technologies, while casually downgrading their significance and disregarding their strategic and military applications (the video report has since then been removed by CBS):

The Involvement of the CIA in Climate Change Technologies

Back in July 2013, MSN news reported that the CIA was involved in helping to fund a project by the National Academy of Sciences (NAS) focusing on geo-engineering and climate manipulation. The report not only acknowledged these technologies, it confirmed that US intelligence has been routinely involved in addressing the issue of climatic manipulation:

The CIA is helping fund the research because the NAS also plans to evaluate “the national security concerns (that could be) related to geoengineering technologies being deployed somewhere in the world,” Kearney said.

In an emailed statement, Christopher White, a spokesman for the CIA's office of public affairs, told MSN, “On a subject like climate change, the agency works with scientists to better understand the phenomenon and its implications on national security.”

Although the CIA and the NAS are tight-lipped about what these concerns might be, [one researcher notes that geoengineering has the potential to deliberately disrupt the weather for terrorist or military goals](#).

John Pike, the director of GlobalSecurity.org, a Washington-based firm that specializes in addressing emerging security concerns, says that worries about the potential impact of geoengineering aren't as paramount as the potential security issues that could arise if the United States doesn't use the technology.

“A failure to engage in geoengineering could impact the political stability of other countries, and that could lead to trouble for the U.S.,” he said.

The NAS project is supported by the U.S. intelligence community, the National Oceanic and Atmospheric Administration, the National Aeronautics and Space Administration, and the Department of Energy.

“historical examples of related technologies (e.g., cloud seeding and other weather modification) for lessons that might be learned about societal reactions, examine what international agreements exist which may be relevant to the experimental testing or deployment of geoengineering technologies, and briefly explore potential societal and ethical considerations related to geoengineering. This study is intended to provide a careful, clear scientific foundation that informs ethical, legal, and political discussions surrounding geoengineering.

(See <http://www8.nationalacademies.org/cp/projectview.aspx?key=49540>)

While geoengineering and weather warfare are nothing new, they are rarely the object of media attention. Weather-modification for military use has been acknowledged by the US Air Force in **document AF 2025 Final Report**:

‘[ENMOD] offers the war fighter a wide range of possible options to defeat or coerce an adversary’, [including] the triggering of floods, hurricanes, droughts and earthquakes... The ability to generate precipitation, fog and storms on earth or to modify space weather... and the production of artificial weather all are a part of an integrated set of [military] technologies.”

In the course of the 1990s, the HAARP program was developed. The High Frequency Active Auroral Research Program (HAARP) based in Gakona, Alaska, has been in existence since 1992. [It was closed down in 2013] It is part of a new generation of sophisticated weaponry under the US Strategic Defense Initiative (SDI). Operated by the Air Force Research Laboratory’s Space Vehicles Directorate, HAARP constitutes a system of powerful antennas capable of creating “controlled local modifications of the ionosphere” [upper layer of the atmosphere]

Disclaimer: The contents of this article are of sole responsibility of the author(s). The Centre for Research on Globalization will not be responsible for any inaccurate or incorrect statement in this article.

Copyright © Prof Michel Chossudovsky, Global Research, 2015